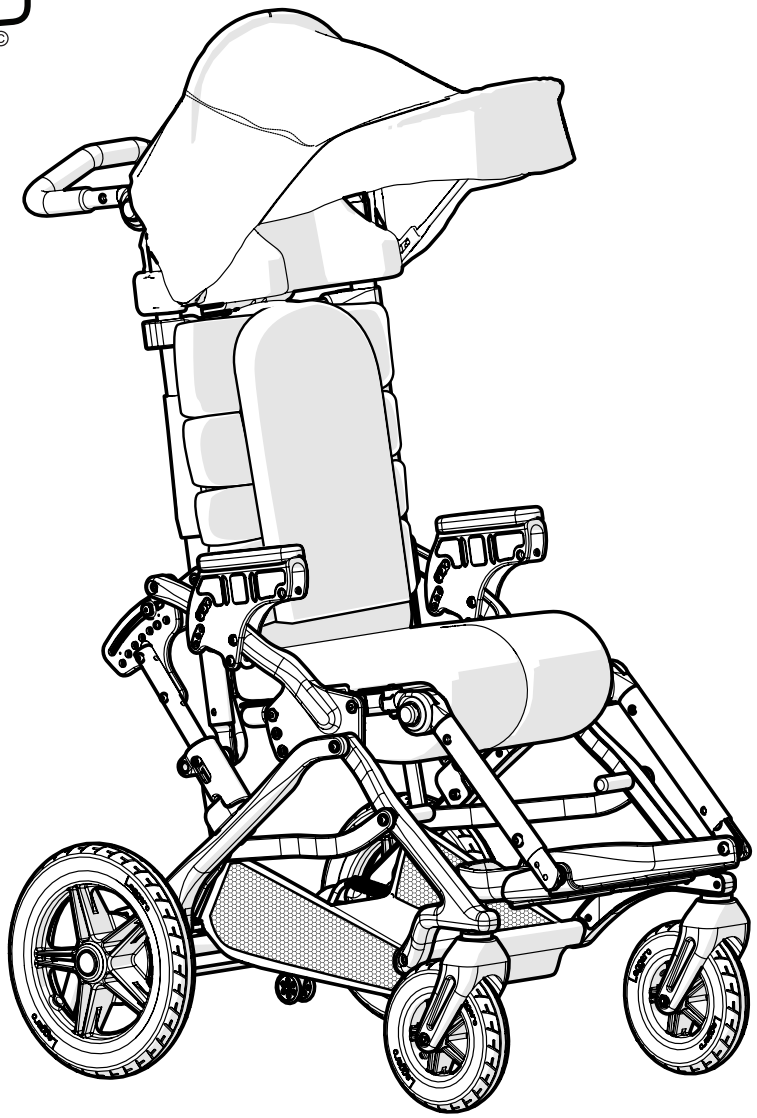
REACH



USER MANUAL

CHAIR PROVIDER: THIS MANUAL MUST BE GIVEN TO THE USER OF THIS DEPENDENT MOBILITY BASE

USER: READ THIS MANUAL BEFORE USING THIS DEPENDENT MOBILITY BASE AND SAVE FOR FUTURE REFERENCE

Product delivered may vary from the one described and pictured in this manual.

Revision 15-0729

Authorized Leggero Provider:

Provider Name	
Address	
Phone	
Email	
Website	

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Section 1: Introduction, Warnings, & Features

1.1 Introduction

Thank you for selecting the Reach chair. This manual explains how to operate, adjust, and maintain your Reach chair. The product as described is subject to technical alterations without notice.

We are sorry that we cannot offer this user information in a format, appropriate for use by visually impaired people. The visually Impaired must contact an authorized Leggero provider to obtain information and instruction in the form of verbal communication and hands on training if necessary.

1.2 Intended Reach User

Rehab pushchairs and pediatric positioning systems are appropriate for children who are limited to a seated position and require mobility and positioning assistance. Individuals who need such assistance can have a wide variety of diagnosis limiting their ability to achieve mobility without such a system. For maximum occupancy rating and additional specifications, reference section 1.7 of this manual.

1.3 Intended Reach Attendant

Attendants who operate the chair must be visually, mentally, and physically capable of safely operating the chair under all circumstances. Attendants must read and follow all instructions provided in this manual.

1.4 Terms of Warranty

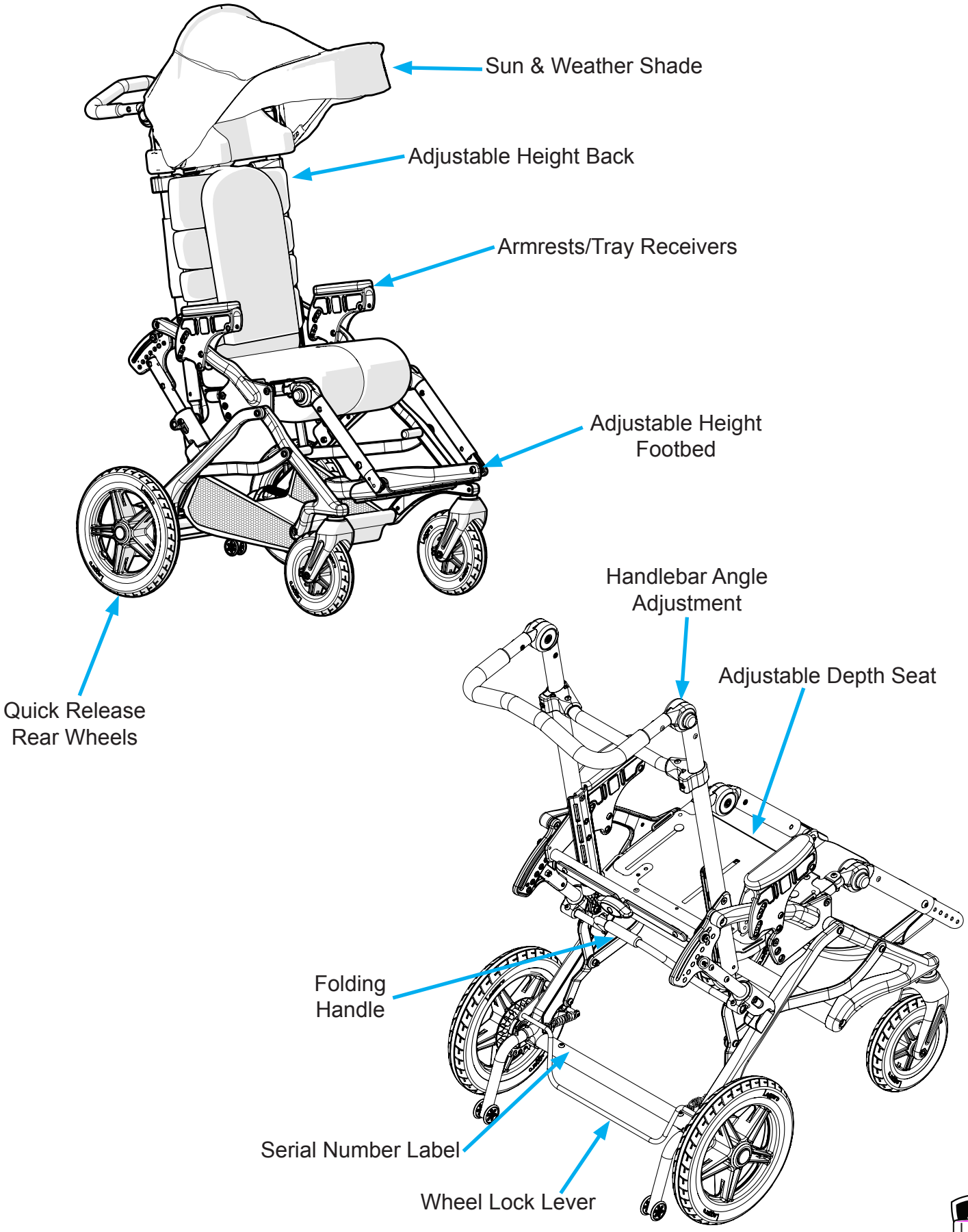
Warranty applies only when the product is used in concordance with the manufacturer's recommendations and for the intended purposes and specified conditions of the product.

1.5 Service and Repairs

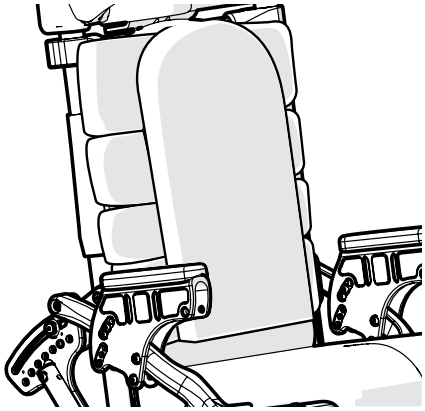
Service and repair of the Reach chair should be performed only by Leggero authorized

providers. Should any problems arise, please contact the provider that supplied the chair. Authorized providers only replace and install original Leggero spare parts.

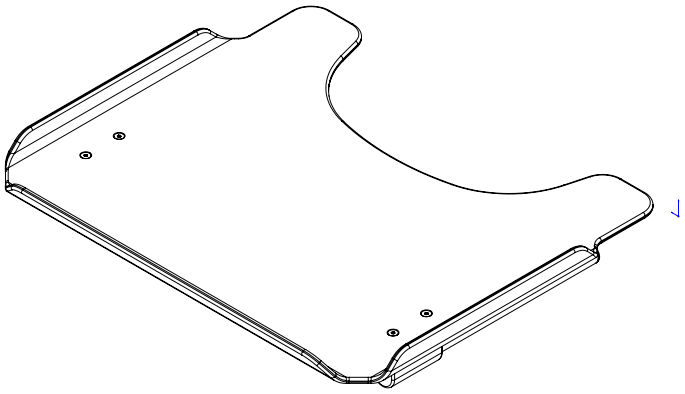
1.6 Features


Sun & Weather Shade
Adjustable Height Back
Armrests/Tray Receivers
Adjustable Height Footbed
Handlebar Angle Adjustment
Adjustable Depth Seat
Quick Release Rear Wheels
Folding Handle
Serial Number Label
Wheel Lock Lever

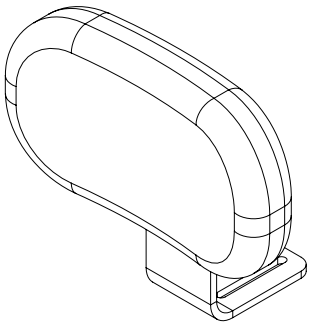
1.7 Seating & Positioning Components



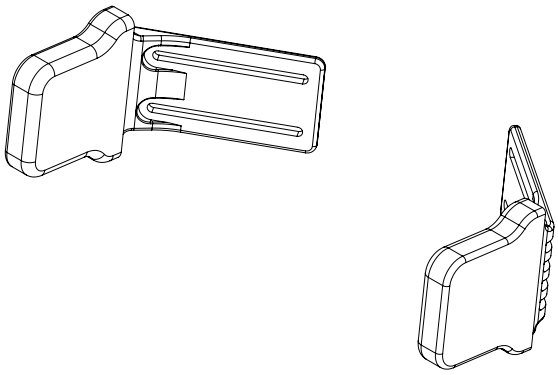
LT Back Cushion



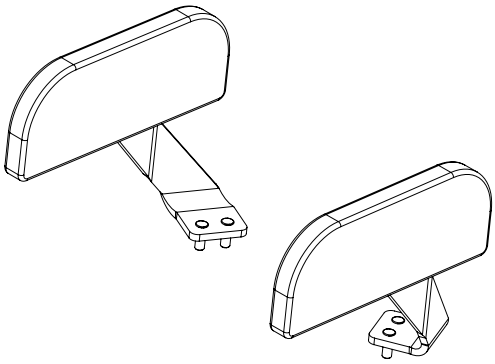
Therapeutic Positioning Tray



Headrest Options



Lateral Thoracic Supports



Lateral Pelvic Supports

1.8 Adjustability and Specifications

Adjustability

	Reach 12	***Reach 14***	***Reach 16***
Seat Depth	8-13” (20-33cm)	11-16” (28-40cm)	13-18” (33-46cm)
Seat Width	12” (30cm)	14” (35cm)	16” (40cm)
Seat to Fooplate	8-13” (20-33cm)	11-16” (28-40cm)	13-18” (33-46cm)
Max Back Height	18” (46cm)	21” (53cm)	24” (61cm)
Hip Angle Adjustment	85-115°	85-105°	85-95°
Seat Angle	10°, 20°, or 30°	10°, 20°, or 30°	10°, 20°, or 30°

Specifications

	Reach 12	***Reach 14***	***Reach 16***
Maximum User Weight	80lb (36kg)	110lb (50kg)	150lb (68kg)
Mobility Base Weight	27lb (12kg)	29lb (13kg)	31lb (14kg)
Overall Width	21.5” (55cm)	23.5” (60cm)	25.5” (65cm)
Front Tire Diameter	7” (18cm)	7” (18cm)	7” (18cm)
Rear Tire Diameter	16” (40cm)	16” (40cm)	16” (40cm)
Folded Dimensions	31 x 21.5 x 18” (79 x 55 x 46cm)	31 x 23.5 x 18” (79 x 60 x 46cm)	33 x 25.5 x 18” (84 x 65 x 46cm)
Maximum Safe Slope	5°	5°	5°

Section 2: Warnings

Read this Manual Completely Before Using

All caregivers and/or attendants must read this user manual prior to operating the Reach chair. Familiarize yourself with the handling and functions of the product prior to actual use. If there is any information in this manual that you do not understand, please contact your authorized Leggero provider for assistance.

Failure to follow instructions or comply with warnings within this manual could result in personal injury and/or damage to the Reach chair, potentially voiding the warranty.

Symbols Used on Product Warning Labels and in User Manual

WARNING!
The word “WARNING” or this symbol indicate practices that are unsafe or dangerous and could result in serious injury to the occupant and/or caregiver.

WARNING! READ INSTRUCTION MANUAL

Choose The Right Chair & Safety Options

In the mobility industry, there are several options available to meet the needs of children. Make sure that your (and your provider’s) choice of chair and other options takes into account your child’s comfort, positioning, physical limitations, and hazards that may be encountered during daily use.

Warnings: Failure to Follow These Warnings Could Result in Serious Injury or Death

WARNING! All caregivers and/or attendants must read this user manual prior to operating the Reach chair. Familiarize yourself with handling and functions of the product prior to actual use. If there is any information in this manual that you do not understand, please contact your authorized Leggero provider for assistance.

WARNING! Non-conventional use and/or handling of the product can be dangerous. The pushchair is not safely suitable for skating or similar high speed activities. Swiveling front wheels can wobble at higher speed and can cause a sudden stop and tip over of the chair. For maximum safety use the pushchair only at regular walking speed. Under no circumstance should you let go of the handlebar while pushing. Do not ever push the chair away.

WARNING! The initial set up of this pushchair must be performed by a qualified technician.

WARNING! Procedures other than those described in this manual must be performed by a qualified technician.

WARNING! The weight carried by the Reach chair must not exceed the total weight limit of 80lb/36kg for 12” chairs, 110lb/50kg for 14” chairs, or 150lb/68kg for 16” chairs (Maximum occupant weight plus weight of accessories and/or items carried.)

WARNING! Adjustments made to the chair may affect stability, increasing the risk of tipping. Adjustments must be made by your authorized Leggero provider.

WARNING! Avoid getting the chair wet or storing the chair in damp environments. Excess moisture can cause rust or corrosion, which can result in component failure. If the chair is exposed to moisture, dry thoroughly.

WARNING! Do not leave the chair or child in the sun or near other heat sources since the surfaces on the chair may reach temperatures capable of burning the child. Do not leave the chair or child outside in cold temperatures because contact with a chair in temperatures below freezing could result in injury. Damage to the chair may also result from exposure to extreme hot or cold temperatures.

WARNING! The chair should only be used on solid and level ground. Do not attempt to push the chair over or into obstacles. Always remove the child from the chair when lifting chair to clear obstacles.

WARNING! Do not use the chair on slopes steeper than 5 degrees. Do not leave the chair parked on a slope or an incline. Pay particular attention when on slopes and inclines to prevent the child from falling out of the chair, the chair from tipping over, or the chair from rolling away.

WARNING! Before leaving the chair and before getting into and out of it, always engage the wheel locks. Do not use the wheel locks to stop the chair while moving.

WARNING! Never leave your child unattended in the chair even if they are strapped in and the wheel locks are engaged.

WARNING! If the chair occupant reaches for objects in front, to the side, or behind the chair, be sure that they do not lean too far. The shift in the center of gravity might cause the chair to tip over.

WARNING! Do not stand on the footplate when transferring into or out of the chair.

WARNING! When folding the chair, be aware that there is a risk of injury through fingers becoming crushed or trapped. Reference section 4.6 of this manual for further information.

WARNING! Straps from chest harnesses or lap belts can become trapped in the folding lock bracket. Please trim all straps as shortly as possible. Always ensure that frame is locked into upright position prior to resuming use. When unfolding, you will hear a “click” when the frame locks.

WARNING! The chair is only intended to carry one child at a time. Do not carry more than one child at a time.

WARNING! Only lift the chair by parts that are solidly attached. The chair should be lifted by the side frame members whenever possible. If folded, hold the chair by the lower side frame tubes. Always use two people for lifting to prevent injury and damage to the chair.

WARNING! Please keep packaging material away from children. Discard all plastic packaging material immediately after unpacking.

WARNING! If your chair is not equipped with the transit option, do not use it as a seat in a motor vehicle. Transfer the child from the chair to an approved motor vehicle seat. If your chair is equipped with the transit option, refer to the section 4.12 in this manual.

WARNING! The chair must be inspected and maintained per the chart in Section 6: Maintenance. Problems detected must be repaired prior to resuming use of the chair.

WARNING! Many of the fasteners used to construct the Reach chair consist of a bolt with a nut that contains a nylon lock ring. These connections must be maintained and secured with the original equipment fasteners and properly adjusted. For proper adjustment of pivot points, consult your authorized service provider.

Section 3: Unpacking the Reach Chair

1. Remove chair from packaging.
2. Discard all plastic packaging materials.
3. Unfold frame and seat back, reference Section 4.6 of this manual.
4. Install rear wheels, reference Figure 1.
5. Check for proper adjustment of quick release axles by pulling outward on wheel. Wheel should hold in place.
6. Engage wheel locks, reference section 4.1 of this manual.
7. Install anti-tips, reference Figure 2

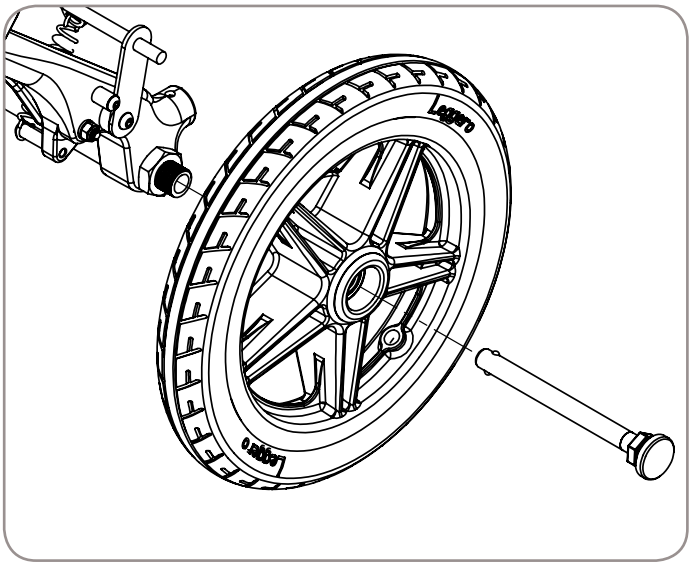


Figure 1

WARNING! Please keep packaging material away from children. Discard all plastic packaging material immediately after unpacking.

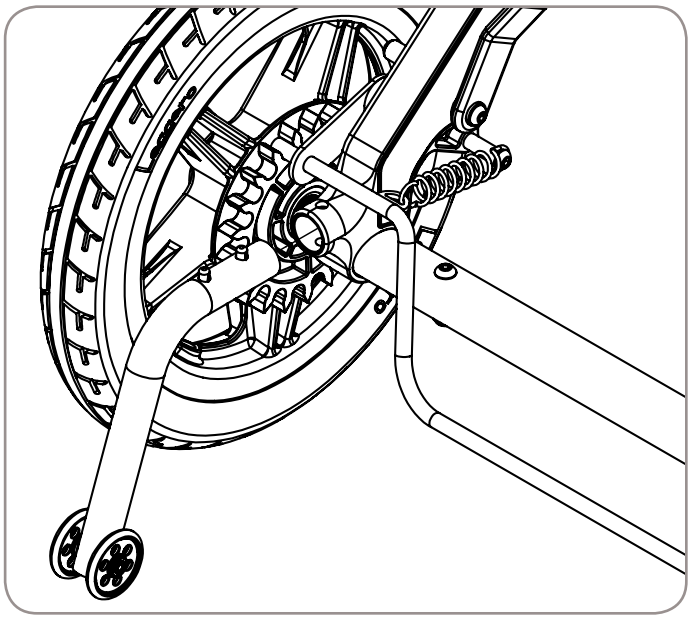
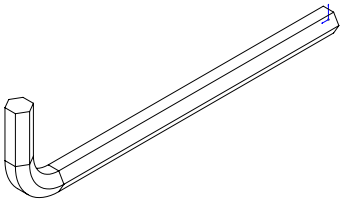


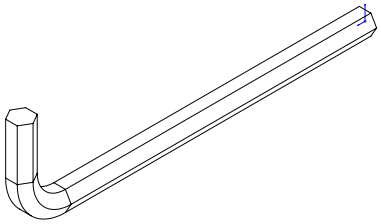
Figure 2

Section 4: Operation and Adjustment

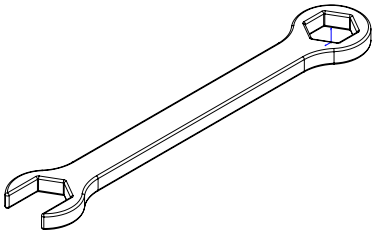
Tools Required:



4mm Hex Wrench



5mm Hex Wrench



13mm Wrench

4.1 Wheel Lock Operation

1. To engage wheel locks, push crossbar down with foot. Reference Figure 3.
2. Verify wheel locks are engaged on each side by trying to move chair front to back.
3. To disengage wheel locks, pull crossbar up with foot. Reference Figure 4.

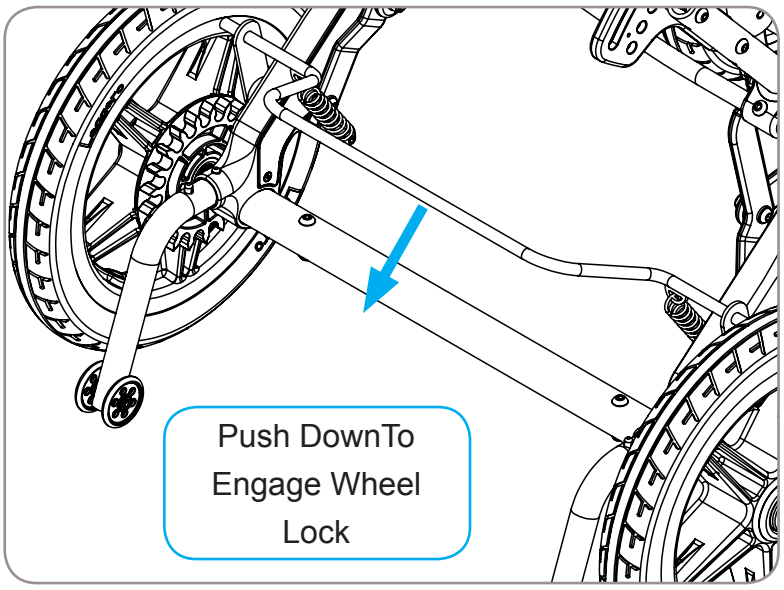


Figure 3

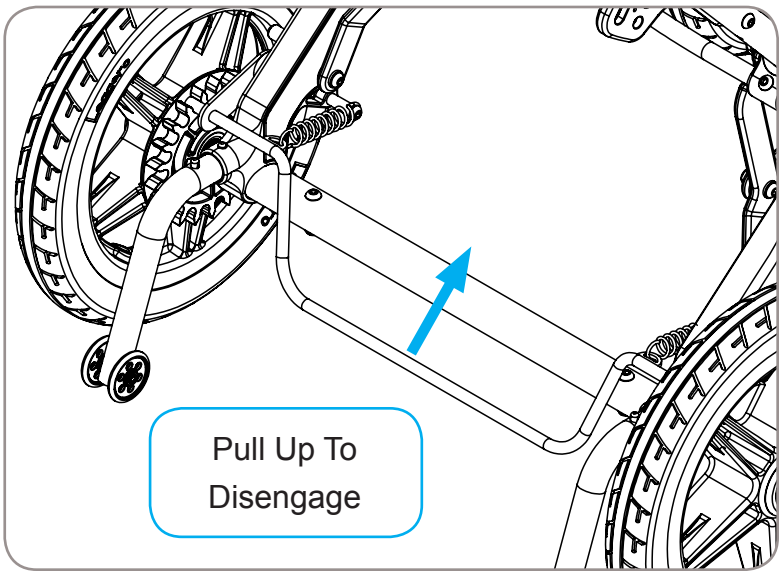


Figure 4

4.2 Handlebar Angle Adjustment

1. Press and hold buttons on outside of each adjustment ratchet, reference Figure 5.
2. Adjust handlebar to desired angle.
3. Release buttons.

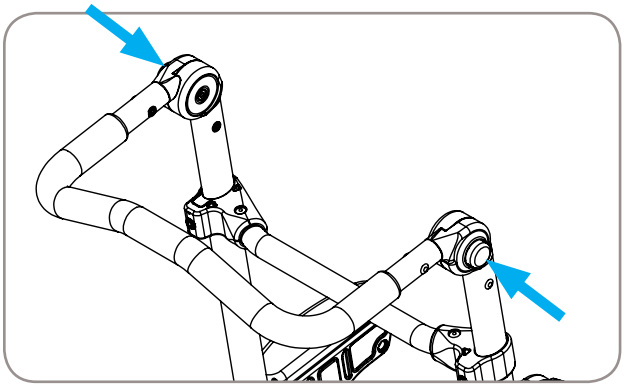


Figure 5

4.3 Knee Angle Adjustment

1. Press and hold buttons on outside of each adjustment ratchet, reference Figure 6.
2. Adjust knees to desired angle.
3. Release buttons.

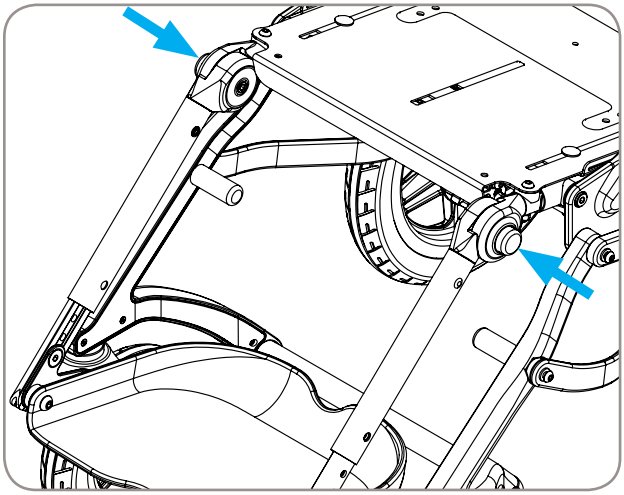
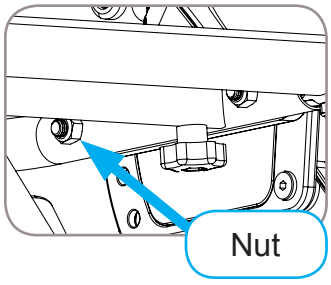


Figure 6

4.4 Seat Tilt Angle Adjusment

1. Engage Wheel Locks.
2. Remove bolt and nut from left and right sides, reference Figure 7. 5mm hex wrench and 13mm wrench required.
3. Adjust seat to desired angle, reference Figure 8.
4. Install bolts and nuts, tighten. Do not over-torque, this could result in damage to the seat tube.
5. Adjust hip angle to desired angle, reference section 4.5.



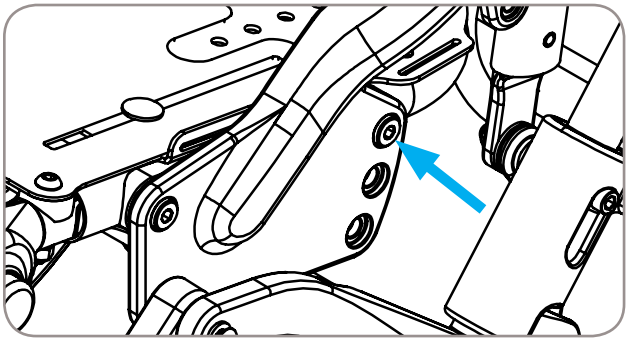


Figure 7

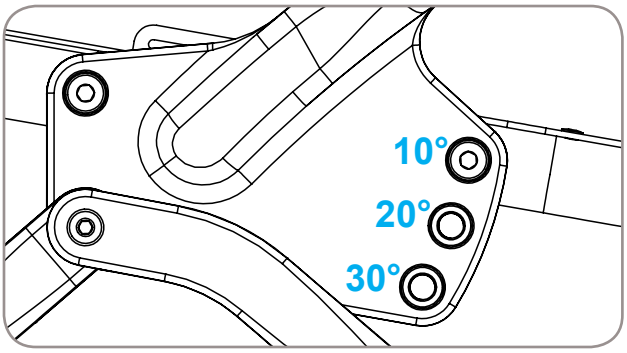
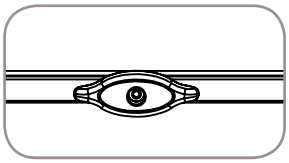


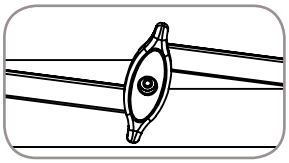
Figure 8

4.5 Hip Angle Adjustment

1. Engage wheel locks.
2. Place one hand on handlebar.
3. Rotate handle in either direction to unlock hip angle.
4. Adjust to despired position.
5. Release handle to lock into position.
6. To verify hip angle is locked, check alignment of handle assembly. Linkages should be parallel to tube as shown in Figure 9.



Locked



Unlocked

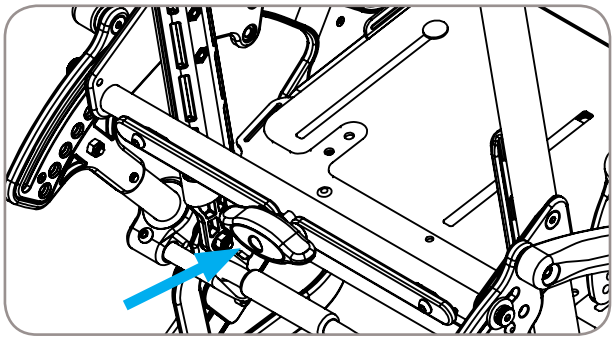


Figure 9, Locked

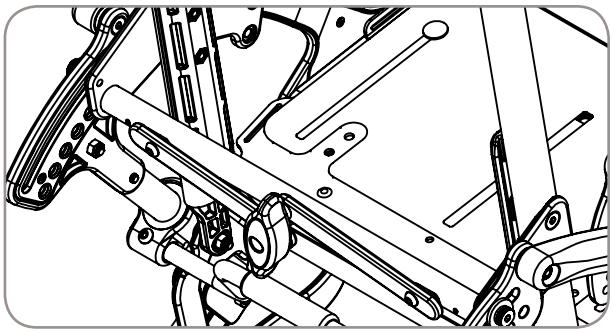


Figure 10, Unlocked

4.6 Folding & Unfolding

Folding

1. Engage wheel locks.
2. If chair has 20° or 30° seat angle, adjust hip angle to furthest forward postion.
3. If chair has 10° seat angle, adjust hip angle one position back from furthest forward.
4. Place one hand on handlebar, with other hand pull folding handle upward. Reference Figure 11.
5. Push forward on handlebar and chair will fold.
6. Adjust handlebar inward.
7. Flip footbed upward.
8. Adjust knee angle as far inward as possible.

Unfolding

1. Adjust handlebar outward.
2. Flip Footbed down.
3. Swing knee ratchets outward.
4. Pull back on handlebar until locking mechanism locks

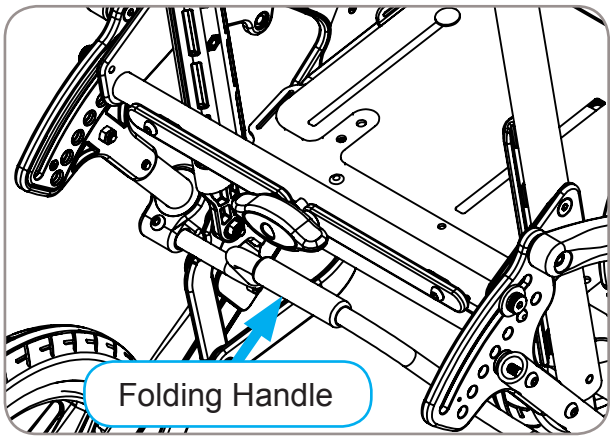


Figure 11

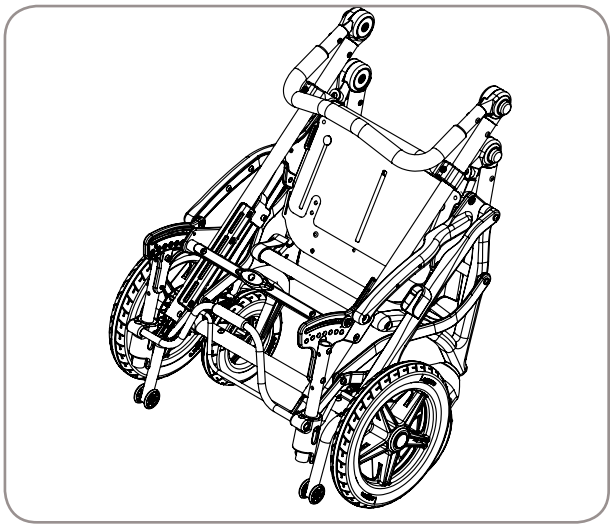
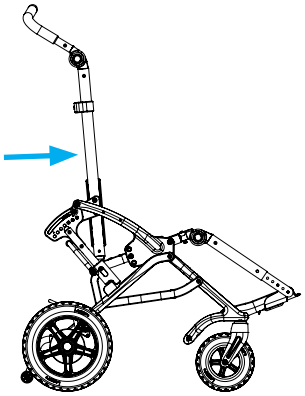
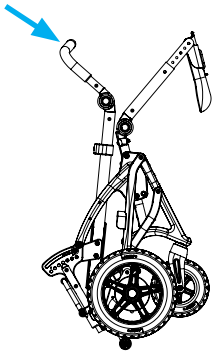


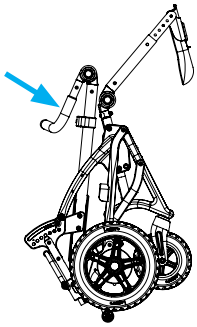
Figure 12



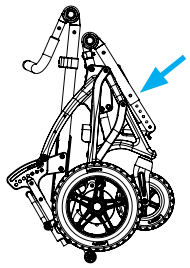
Adjust Hip Angle Forward



Pull Handle & Fold



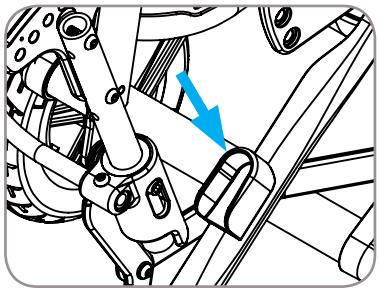
Adjust Handlebar In



Flip Up Footplate & Adjust Knees In

WARNING! When folding or unfolding, keep arms, hands, and feet clear of moving components to avoid injury. Reference Figure 13, arrows indicate potential pinch points.

WARNING! Straps from chest harnesses or lap belts can become trapped in the folding lock bracket. Please trim all straps as shortly as possible & attach lap belt buckles prior to folding.



Straps Here Can Prevent Frame from Locking

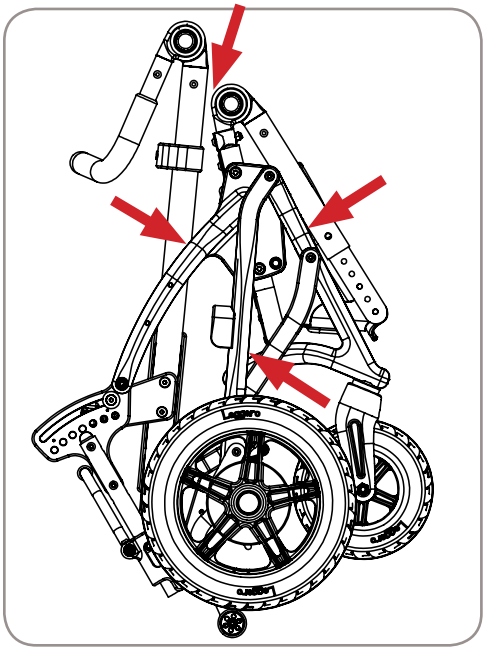


Figure 13

4.7 Footbed Height Adjustment

1. Remove left and right button head bolts, reference Figure 14. 5mm hex wrench required.
2. Adjust footrest assembly to desired height.
3. Reinstall bolts.

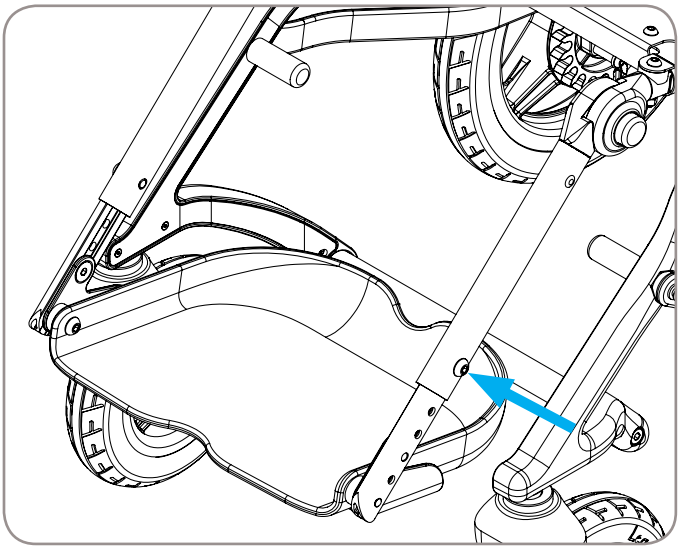


Figure 14

4.7 Footbed Height Adjustment Cont.

If your footbed is currently configured as shown in Figure 14, it may be necessary to adjust the footbed assembly downward on the footrest extensions (12" & 14" chairs only).

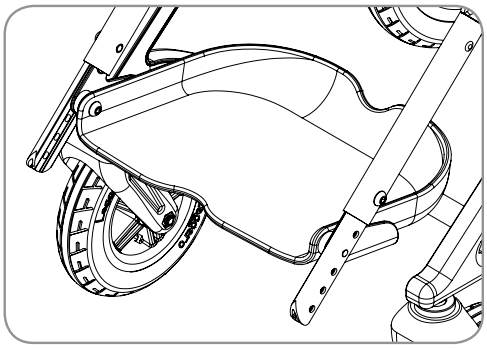


Figure 15

1. Remove bolts as described in previous section.
2. Remove footbed assembly from chair.
3. Remove flat head and button head bolts from left and right sides, reference Figure 16. 5mm Hex wrench required.
4. Reinstall bolts in lowest position on footbed extensions as shown in Figure 17.
5. Reinstall footbed assembly and adjust to desired height.

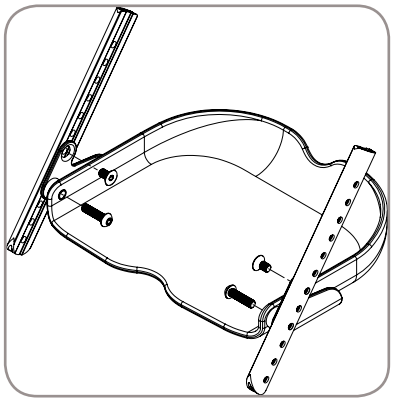


Figure 16

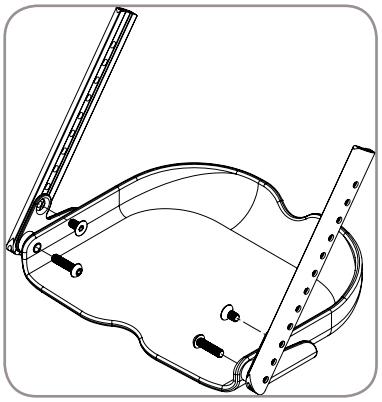


Figure 17

For 12" units, it will be necessary to change the footbed extensions to obtain leg drops beyond 11in./28cm. Longer extensions were supplied with your chair, but if you do not have them please contact your authorized provider.

1. Remove bolts as described in previous section. Reference Figure 18.
2. Install longer extensions as shown in Figure 19. For the next leg drop position beyond what was achievable with shorter extensions, install flat head bolts through 7th hole from top of footbed extensions.
3. Install footbed assembly in chair and adjust to desired height

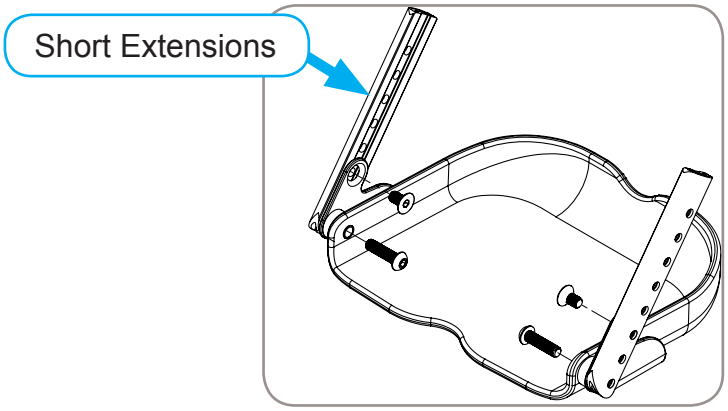


Figure 18

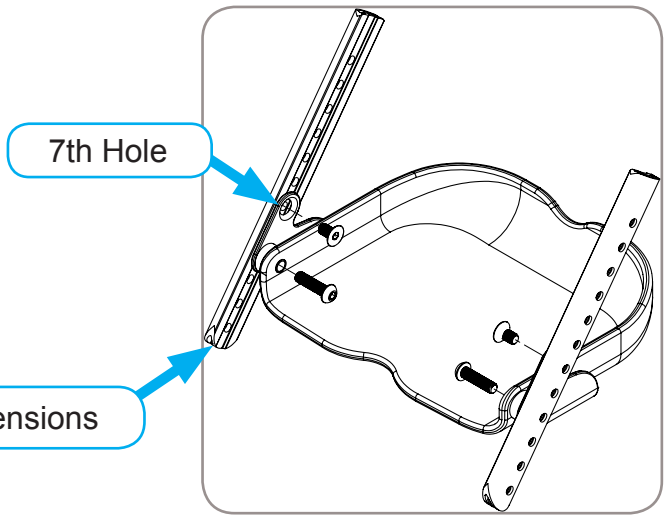


Figure 19

4.8 Back Height Adjustment

1. Loosen bolts at locations shown in Figure 20. 5mm hex wrench required.
2. Adjust back to desired height.
3. Tighten bolts.

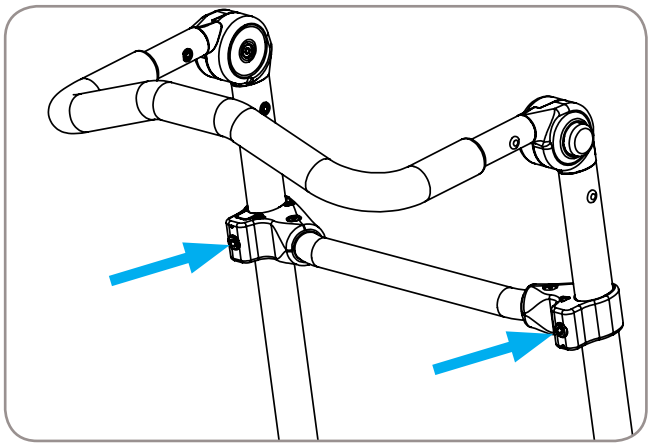


Figure 20

4.9 Seat Depth Adjustment

1. Loosen seat cushion straps.
2. Loosen knob(s) under seat plate. Reference Figure 21 or 22.
3. Adjust front seat assembly to desired depth.
4. Tighten knob.
5. Tighten seat cushions straps.

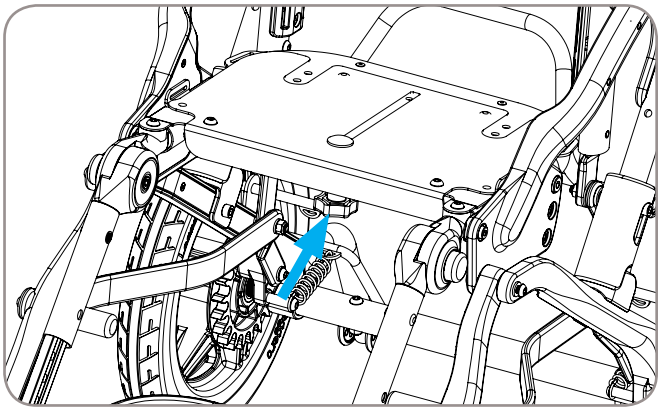


Figure 21, Single Knob 12” Chair

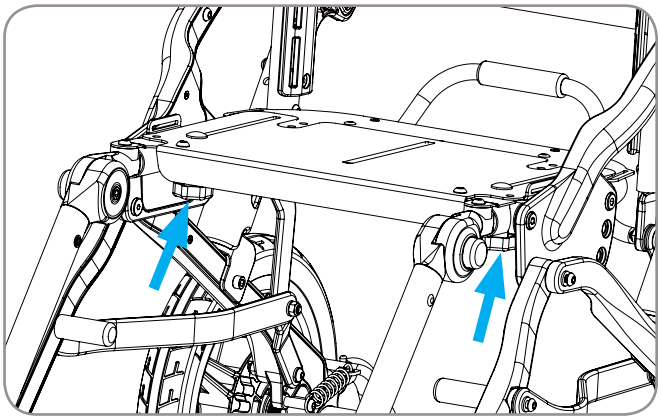


Figure 22, 2 knobs 14” & 16” Chair

4.9 Seat Depth Adjustment Cont.

For 12” and 14” chairs, it may be necessary to remove the seat adjustment plate to extend seat depth to desired position. With 12” chairs, the plate will need to be removed to achieve 11”-13” seat depths. With 14” chairs, the plate will need to be removed to achieve 14”-16” seat depths.

1. Remove seat cushion.
2. Remove front bolts [1] using 4mm hex wrench and 10mm wrench.
3. Remove seat depth adjustment bolts [2] and knobs.
4. Remove seat plate assembly from chair.
5. Remove seat depth adjustment plate [3] from seat plate using 4mm hex wrench and 10mm wrench.
6. Reinstall seat plate as shown in Figure 24.
7. Reinstall front bolts, seat depth adjustment bolts, and knobs.
8. Adjust seat to desired depth.
9. Reinstall seat cushion.

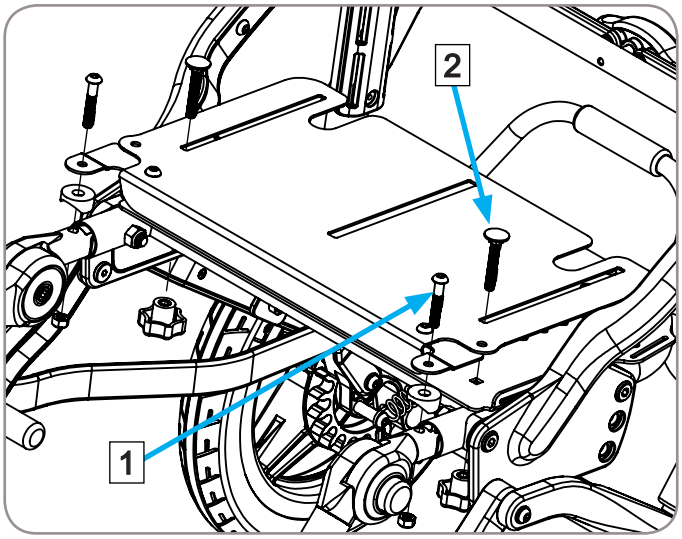


Figure 23

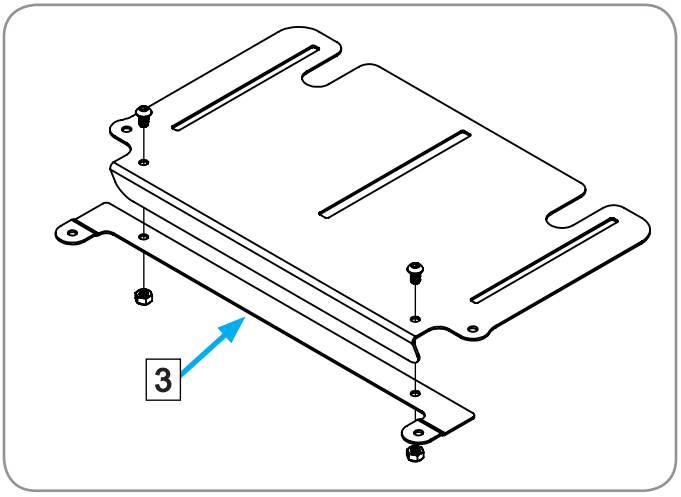


Figure 24

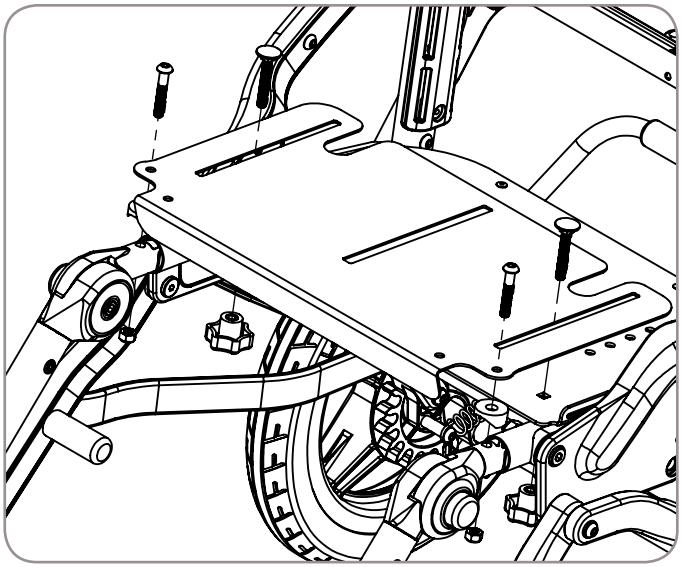


Figure 25

4.10 Armrest Adjustment

To Adjust Height:

1. Remove button head bolts (4). 4mm hex wrench required. Reference Figure 26.
2. Adjust to desired height.
3. Reinstall bolts.

To Adjust Angle:

1. Remove rear button head bolts (2). 4mm hex wrench required.
2. Adjust to desired angle.
3. Reinstall bolts.

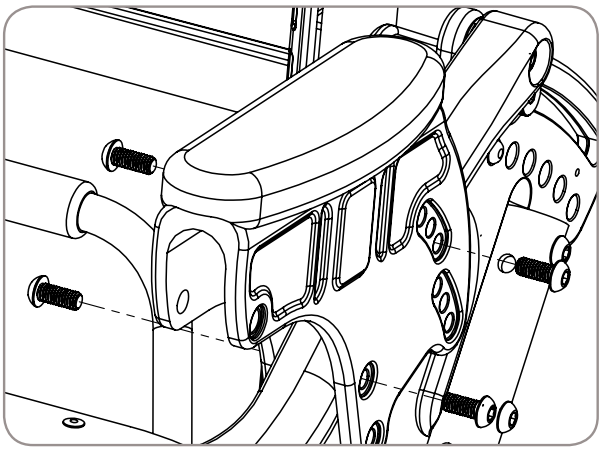


Figure 26

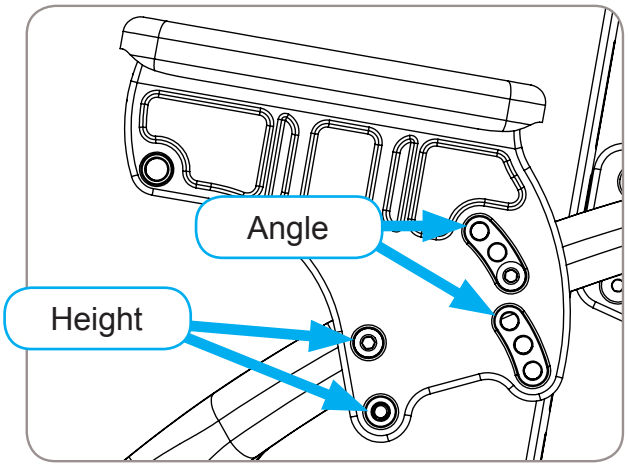


Figure 27

4.11 Positioning Tray

1. To insert tray, swing left and right tray cam locks downward. Reference Figure 28.
2. Slide Tray into receivers and adjust to desired depth.
3. Swing left and right tray cams upward to lock in place. Reference Figure 29.

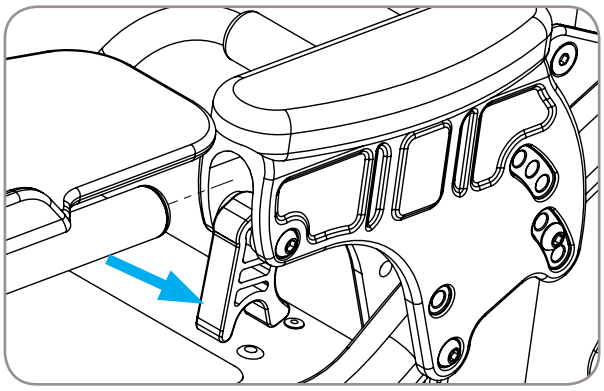


Figure 28

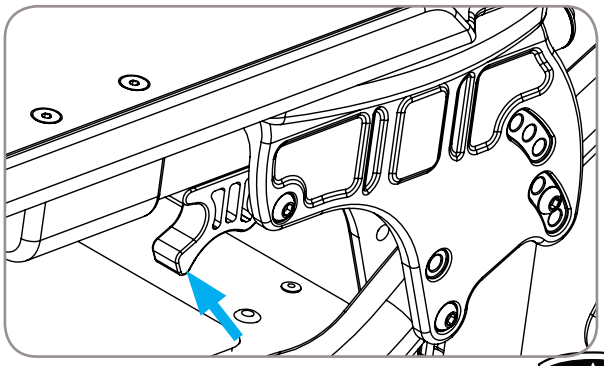


Figure 29

4.12 Using The Reach Chair As A Seat In A Motor Vehicle

The Reach Chair is approved for transporting children in motor vehicles when it is equipped with the OPTIONAL transit feature and used in accordance with these instructions. The chair must be secured in a forward-facing position with a Wheelchair Tie-down and Occupant Restraint System (WTORS) which meets the requirements of SAE J2249 Recommended Practice—Wheelchair Tie-down and Occupant Restraint Systems For Use in Motor Vehicles.

IMPORTANT INFORMATION:

This chair conforms to and has been dynamically tested in compliance with ANSI/RESNA WC/Vol. 1 – Section 19.5.3. Please contact Leggero or your authorized Leggero provider if you have any questions regarding use of the chair for seating in a motor vehicle. Contact information can be found on page 2 of this manual.

WARNINGS & INSTRUCTIONS:

- The Reach chair must be used as indicated in these instructions and the instructions supplied by the vehicle mounted tie-down manufacturer.
- Chair occupant should be transferred to the vehicle seat and use the vehicle restraint system whenever possible.
- Do not exceed maximum occupant weight ratings. Reference Section 1.8 of this manual.
- The Reach Chair must be placed in a forward-facing position when used as a seat in a motor vehicle. Use an approved 4-point strap-type tie-down system for the chair. Use an approved 3-point belt for occupants over 50lb/23kg. For occupants under 50lb/23kg, a 5-point transit harness is required.
- For approved transit tie-down locations and location of belt/harness attachment pin, see Figures 30 and 31.
- Restraints must not be held away from the child's body by chair components or accessories.
- Belt or harness straps should be adjusted until they are snug and do not have slack. If you can pinch the webbing of the belt straps between your fingers, then it is too loose.
- Only belt restraints that comply with the provisions of ANSI/RESNA WC/Vol. 1 – Section 19 4.9.2-4.9.5 and 5.2 that have been dynamically tested in accordance with Annex A & 5.3 of the same, should be used on the chair for use as a restraint in a motor vehicle.

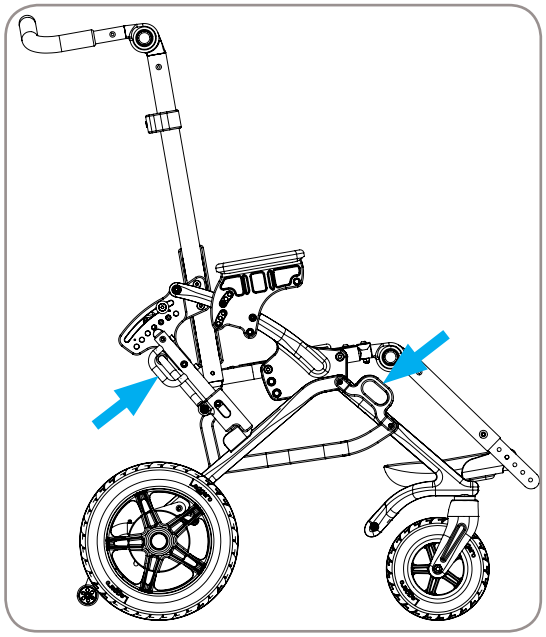


Figure 30

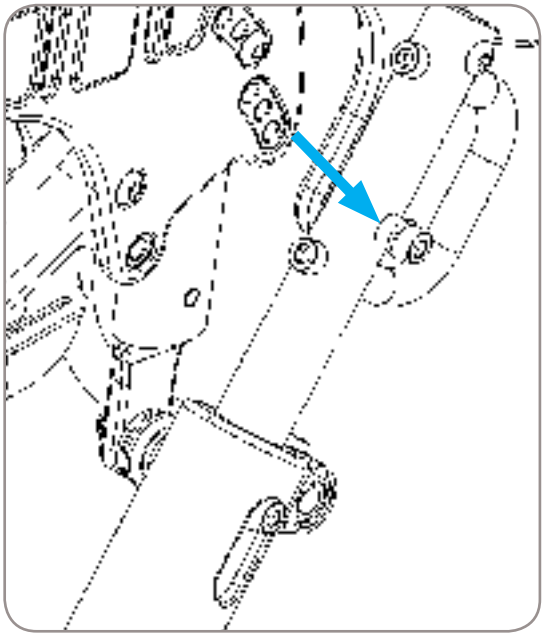


Figure 31, Belt/Harness Attachment

WARNING! If your chair is not equipped with the transit option, do not use it as a seat in a motor vehicle. Transfer the child from the chair to an approved motor vehicle seat.

Section 5: Limited Warranty

A. THIS WARRANTY IS EXTENDED ONLY TO THE ORIGINAL PURCHASER OF OUR PRODUCTS.

B. FOR LIFETIME

Leggero LLC warrants the frame and quick-release axles of this chair against defects in materials and workmanship for the life of the original purchaser. The expected life of this frame is five years.

C. FOR ONE (1) YEAR

We warrant all original equipment parts and components of this chair against defects in materials and workmanship for one year from the date of the first consumer purchase.

D. LIMITATIONS

1. We do not warrant:
   - Tires, tubes, upholstery, push handle grips, or armpads.
   - Damage resulting from neglect, misuse, or from improper installation or repair.
   - Damage resulting from transit use.
   - Damage from exceeding the weight limit indicated on the serial number label.
2. This warranty is valid only when the product is used according to the specified conditions and the intended purposes, following all manufacturer recommendations. It is void otherwise.
3. This warranty shall not apply to problems arising from normal wear, and such evaluation will be solely determined by Leggero LLC.
4. This warranty is void if the product is modified without Leggero's express written consent including, but not limited to, modification through the use of unauthorized parts or attachments; products damaged by reason of repairs made to any component without specific consent of Leggero; or to a product damaged by circumstances beyond Leggero's control, and such evaluation will be solely determined by Leggero.
5. This warranty is void if the original serial number is removed or altered.
6. This warranty applies in the USA only. Check with your supplier if international warranties apply.

E. WHAT MANUFACTURER WILL DO

Our sole liability is to repair or replace covered parts. This is the exclusive remedy for consequential damages.

F. WHAT YOU MUST DO

1. Obtain from us, while this warranty is in effect, prior approval for return or repair of covered parts.
2. Return the product or part(s), freight pre-paid to Leggero LLC. Contact Leggero customer service at 1-844-503-KIDS for a return address and to obtain a return authorization number (RA#).
3. Pay the cost of labor to repair, remove or install parts.

G. NOTICE TO CONSUMER

1. If allowed by law, this warranty is in place of any other warranty, written or oral, express or implied, including a warranty of merchantability, or fitness for a particular purpose.
2. This warranty gives you certain legal rights. You may also have other rights that vary from state to state.

Section 6: Maintenance

Please consult your authorized provider if you have questions regarding maintenance of your Reach chair. Consistent and thorough maintenance will extend the useful life of your chair. Improper maintenance can significantly decrease the useful life of the chair. Any damaged parts should be replaced prior to resuming use of the chair. The chair should be cleaned regularly and should be serviced by an authorized dealer at least once per year.

Warranty might be affected if proper maintenance is not performed at the specified intervals. Please see table below for recomended maintenance procedures and frequency. There is a maintenance record on the following page of this manual that should be used to document maintenance activities.

Maintenance Activity	Weekly	Monthly
Check wheels and tires for wear or damage		✓
Check wheel lock function	✓	
Check for proper caster alignment		✓
Verify that all fasteners are tight		✓
Verify that quick release axles function properly	✓	
Check tilt lock mechanism for proper engagement	✓	
Check recline lock mechanism for proper engagement	✓	
Check all structural components for wear or damage		✓
Check all accessory components for damage		✓

We recommend that the chair be cleaned regularly:

- Clean all frame components and plastic parts using mild detergents only.
- Fabric parts may be washed. If using a washing machine, put them in a linen bag or pillow case. Air dry.
- In most cases, wiping with a damp cloth is sufficient.
- Do not use your chair in salt water as severe damage may result.
- Keep sand or other particles from damaging the wheel and caster fork bearings.

Maintenance Record

Date	Service Provider	Technician	Description of Service

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